

Express Mail No. EQ 225 774 903 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Biedinger et al.

Confirmation No.:

6739

Serial No.:

6,972,296

Art Unit:

1625

Filed:

December 6, 2005

Examiner:

C. Chang

For:

CARBOXYLIC ACID

Attorney Docket No:

(CAM: 011104-999071)

017092-071-999

DERIVATIVES THAT INHIBIT THE BINDING OF INTEGRINS

TO THE RECEPTORS

TRANSMITTAL LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing in the above-referenced application are the following documents:

- 1. Revocation and Power of Attorney;
- 2. Fee Address Indication Form;
- 3. Copy of the Certificate of Amendment to Certificate of Incorporation of Texas Biotechnology Corporation;
 - 4. A copy of the Notice of Recordation of Assignment Document; and
 - 5. A copy of the Assignment.

Please charge any required fees to Jones Day Deposit Account No. 50-3013. A copy of this sheet is enclosed.

Date:

July 18, 2006

Respectfully/submitteg

43 045

JONES DAY

Dale L Rieger

222 East 41st Street

New York, New York 10017

(212) 326-3939

Enclosure



Express Mail No.: EQ 225 774 903 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Biediger et al.

Confirmation No.: 6739

Patent No.:

6,972,296

Art Unit:

1625

Issued:

December 6, 2005

Examiner:

C. Chang

For:

CARBOXYLIC ACID DERIVATIVES

Attorney Docket No.: 17092-071-999

THAT INHIBIT THE BINDING OF INTEGRINS TO THEIR RECEPTORS

REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Encysive Pharmaceuticals Inc. (assignee) hereby revokes any and all previous powers and appoints:

Practitioners at Customer Number 20583 \boxtimes

to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please direct all correspondence address for the above-identified application to:

- The above mentioned Customer Number. \boxtimes
- Firm or Individual Name: \boxtimes

Address:

Jones Day, 222 East 41st Street, New York, New York 10017

Telephone:

(212) 901-9028

I am the:

Applicant/Inventor

Assignee of record of the entire interest. See 37 CFR 3.71.

(Statement under 37 CFR 3.73(b) is applicable)

Statement Under 37 C.F.R. 3.73(b)

Encysiv	⁄e Pharm ⊠ □	naceuticals Inc. states that it is: the assignee of the entire right, title, and interest; or an assignee of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is
in the pa	atent app	lication/patent identified above by virtue of either:
		An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office on, at Reel, Frame, for which a copy thereof is attached.
OR		
	\boxtimes	A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:
		1. From: Ronald Biediger, Qi Chen, Radford Decker, George Holland, Jamal Kassir, Wen Li, Robert Market, Ian Scott, Chengde Wu, Jian Li To: Texas Biotechnology Corporation. The document was recorded in the United States Patent and Trademark Office on October 9, 2001 at Reel 012249, Frame 0414, for which a copy thereof is attached.
		2. From: Texas Biotechnology Corporation To: Encysive Pharmaceuticals Inc. The document was recorded in the United States Patent and Trademark Office on June 16, 2005, at Reel 016698, Frame 0349, for which a copy thereof is attached.
		Copies of assignments or other documents in the chain of title are attached. [Note: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]
	The und	dersigned (whose title is supplied below) is authorized to act on behalf of the assignee.
		ASSIGNEE: Encysive Pharmaceuticals Inc.
Date:	2	Typed Name: Paul Naniere
		Typod I tuillo. I dui I tuilloio

Position/Title:

Vice President & General Counsel





TEXYSY2POY03US UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 28, 2005

PTAS

*10302503*6*A*

WOOD PHILLIPS KATZ, ET AL. CITICORP CENTER, SUITE 3800 500 WEST MADISON STREET CHICAGO, IL 60661-2511

UNITED STATES PATENT AND TRADEMARK-OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 06/16/2005

REEL/FRAME: 016698/0349

NUMBER OF PAGES: 3

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

TEXAS BIOTECHNOLOGY CORPORATION DOC DATE: 05/16/2003

ASSIGNEE:

ENCYSIVE PHARMACEUTICALS INC. / 4848 LOOP CENTRAL DRIVE HOUSTON, TEXAS 77081

SERIAL NUMBER: 09973142

FILING DATE: 10/09/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: CARBOXYLIC ACID DERIVATIVES THAT INHIBIT THE BINDING OF INTEGRINS

TO THEIR RECEPTORS

016698/0349 PAGE 2

TARA WASHINGTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

.6-16-09

Comparable to Form PTO-1595 (Rev. 10/02) OMB0651-0027 (exp. 6/30/2005) **REC**

06-22-2005



ET

U.S. Department of Commerce Patent and Trademark Office

TO: Mail Stop Assignments, Director, U.S. Patent & Tra Please record the attached original document(s)	demark Office, P.O. Box 1450, Alexandria, VA 22313-1450 or copy(ies).				
1. Name of conveying party(ies) and execution date:	2. Name and address of receiving party(ies):				
Texas Biotechnology Corporation Execution Date May 16, 2003	Street Address: 4848 Loop Central Drive City: Houston State: Texas Zip: 77081				
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No	Additional name(s) address(es) attached?				
3. Nature of conveyance: □ Assignment □ Merger □ Security Agreement □ Change of Name □ Other: □	Corps 1011				
· · · · · · · · · · · · · · · · · · ·	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:				
A. Patent Application Number(s): 09/973,142	B. Patent Number(s):				
Additional numbers atta 5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:1				
Wood, Phillips, Katz, Clark & Mortimer Citicorp Center, Suite 3800 500 West Madison Street Chicago, Illinois 60661-2511 Phone: (312) 876-1800	7. Total Fee (37 CFR 3.41)				
DO NOT USE	THIS SPACE 4/06				
9. SIGNATURE Martin L. Katz, 25,011 Name of Person Signing Total number of pages including cover sheet,	Signature June 14, 2005 Date attachment, and documents: 3				

06/21/2005 BBYRRE 00000091 09973142

01 FC:8021

40.00 OP



1.EX 4542 P0403US

DECEMBER 20, 2001

PTAS

ROCKEY, MILNAMOW & KATZ, LTD.
MARTIN L. KATZ
TWO PRUDENTIAL PLAZA
180 NORTH STETSON AVENUE, SUITE 4700
CHICAGO, IL 60601

Under Secretary of Commerce For Intellectual Property and Director of the United States Patent and Trademark Office Washington, DC 20231 www.uspto.gov



101878086A

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/09/2001

REEL/FRAME: 012249/0414

NUMBER OF PAGES: 20

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BIEDIGER, RONALD J.

DOC DATE: 10/02/2001

ASSIGNOR:

CHEN, QI

DOC DATE: 10/02/2001

ASSIGNOR:

DECKER, RADFORD E.

DOC DATE: 10/02/2001

ASSIGNOR:

HOLLAND, GEORGE W.

DOC DATE: 10/02/2001

ASSIGNOR:

KASSIR, JAMAL M.

DOC DATE: 10/02/2001

ASSIGNOR:

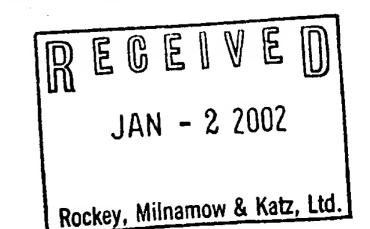
LI, WEN

DOC DATE: 10/02/2001

ASSIGNOR:

MARKET, ROBERT V.

DOC DATE: 10/02/2001



012249/0414 PAGE 2

ASSIGNOR:

SCOTT, IAN L. DOC DATE: 10/04/2001

ASSIGNOR:

WU, CHENGDE DOC DATE: 10/02/2001

ASSIGNOR:

LI, JIAN DOC DATE: 10/02/2001

ASSIGNEE:

TEXAS BIOTECHNOLOGY CORPORATION 7000 FANNIN, SUITE 1920 HOUSTON, TEXAS 77030

SERIAL NUMBER: 09973142 FILING DATE: 10/09/2001

PATENT NUMBER: ISSUE DATE:

MARY BENTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

Comparable to Form PTO-1619A-B
Expires 06/03/99
OMB0651-0027

RI

|--|--|--|

IEET

U.S. Department of Commerce Patent and Trademark Office PATENT

TO: Director, U.S. Patent & Trademark Office, Box As Please record the attached original document(s) or			
SUBMISSION TYPE New Resubmission (Non-Recordation) Document ID# Correction of PTO Error Reel # Frame# Corrective Document Reel # Frame#	CONVEYANCE TYPE Assignment		
CONVEYING PARTY(IES): (Last name first) Execution Date Biediger, Ronald J. 10-02-01 Chen, Qi 10-02-01 Decker, E. Radford 10-02-01 Holland, George W. 10-02-01	RECEIVING PARTY: Name: Texas Biotechnology Corporation Address: 7000 Fannin, Suite 1920 City: Houston State: Texas Zip Code: 77030		
Mark if additional names of conveying parties attached APPLICATION NUMBER(S) OR PATENT NUMBER(S) Enter either the Patent Application Number or the Patent Number If this document is being filed together with a new Patent Applifirst named inventor: 00/00/00	Mark if additional names of receiving parties attached Mark if additional numbers attached ber (DO NOT ENTER BOTH numbers for the same property). cation, enter the date the patent application was signed by the		
Patent Application Number(s): TOTAL NUMBER OF PROPERTIES: Enter the total number	Patent Number(s): oer of properties involved: One		
PATENT COOPERATION TREATY (PCT): Enter PCT application number only if a U.S. Application Number has not been assigned:	NUMBER OF PAGES: Enter the total number of pages contained in the conveyance document including any attachment(s). DO NOT include the Recordation Form Cover Sheet pages in this total.		
CORRESPONDENT NAME AND ADDRESS: Rockey, Milnamow & Katz, Ltd. Two Prudential Plaza 180 North Stetson Avenue, Suite 4700 Chicago, Illinois 60601 (312) 616-5400	Total Fee (37 CFR 3.41) \$40.00 Enclosed Charge to Deposit Account 04-1644 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account 04-1644.		
	STATEMENT AND SIGNATURE To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as herein indicated.		
Martin L. Katz, Reg. No. 25,011 Name of Person Signing	Signature Date		

10/17/2001 DBYRNE

00000039 09973142

01 FC:581

40.00 OP

RECORDATION FORM COVER SHEET

Additional Names of Conveying Parties

Docket No.:

TEX4542P0403US

Application Title:

Carboxylic Acid Derivatives That Inhibit The Binding of Integrins To

Their Receptors 10/<u>09</u>/01

Filing Date:

Name	Execution Date
Kassir, Jamal M.	10-02-01
Li, Wen	10-02-01
Market, Robert V.	10-02-01
Scott, Ian L.	10-04-01
Wu, Chengde	10-02-01
Li, Jian	10-02-01

Assignment

Serial No.:	Filed:	10-9-01	

In Consideration of One Dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in <u>Carboxylic Acid Derivatives that Inhibit the Binding of Integrins to their Receptors</u> and in the application for Letters Patent of the United States therefor, executed by the undersigned concurrently herewith, and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to <u>Texas Biotechnology Corporation</u> a <u>Delaware</u> corporation, having offices at <u>7000 Fannin, Suite 1920, Houston, Texas 77030</u> and the heirs, successors, legal representatives and assigns of <u>Texas Biotechnology Corporation</u> (hereinafter collectively called said Assignee), and the Commissioner of Patents and Trademarks is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

For said considerations it is hereby agreed by the undersigned, upon the request of said Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for the filing or prosecution of any divisional or continuing application thereof or for the filing or prosecution of any application for the reissue or extension of any Letters Patent that may be granted on said invention or improvements that said Assignee may deem necessary or expedient, and for the said considerations it is further agreed by the undersigned, upon the request of said Assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said Assignee in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in the said Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made. And for the said considerations the entire right, title and interest in said invention or improvements, including all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including those under the International Convention, and all other Conventions, and the right to file applications for patent in said Assignee's own name for said invention or improvements in each and every country of the world are hereby assigned and granted by the undersigned to said Assignee. It is further agreed by the undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of the undersigned to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee. The undersigned also further agrees, for the said considerations, upon the request of said Assignee, to promptly perform all lawful acts deemed by said Assignee to be necessary or advisable in connection with maintaining, enforcing, or transferring the resulting grants of said Letters Patent in the United States or foreign countries. It is agreed that such lawful acts include, but are not limited to, taking oaths, executing declarations, powers, assignments and other papers and giving testimony.

TEX4542P0403US Page 1 of 6

Serial No.:	Filed:	10-9-01
	ch application for patent are herebhis Assignment the date and serial	
	NIL PH	7
	Ronald J. Biedige Executed this day of	<u>Ober</u> ,2001.
State of Texa_ County of Harin)) ss.	
On Octobe 2. Public, in and for the State and	,2001, Ronald J. Biediger ap County aforesaid, and acknowledged cuted the foregoing Assignment for the	I that he/she freely and
	Chritina He	2-span Dez
(SEAL)	Notary Pub	olic
CHRISTINA HERNANDEZ MY COMMISSION EXPIRES	My Commission Expires:	· 90' 9002
FEBRUARY 20, 2005	* * * *	
	Qi Chen	
	Executed this day of	,2001.
State of County of) ss.)	
the State and County aforesaid,	,2001, Qi Chen appeared before and acknowledged that he/she freely ment for the purposes and uses therein	and voluntarily subscribed and
(SEAL)	Notary Pub	lic
	My Commission Expires:	

Serial No.:	Filed: 10-9-01
	* * * *
	E. Ragferd D.
	E. Radfdrd Decker
	Executed this 2 day of October, 2001.
State of <u>EXU2</u>) ss.
County of Harris	
on Octrober 2	, 2001, E. Radford Decker appeared before me, a Notary
voluntarily subscribed and ex	nd County aforesaid, and acknowledged that he/she freely and secuted the foregoing Assignment for the purposes and uses therein
expressed.	Opritie Me 2010
(SEAL)	Notary Public
	My Commission Expires: 766. 20, 2005
CHRISTINA HERNANDEZ	* * * *
MY COMMISSION EXPIRES FEBRUARY 20, 2005	
	George W. Holland
Texa	Executed this 2 day of October, 2001.
State of 10x0s)) ss.
County of Hama)
On Octobe 2 Public in and for the State an	d County aforesaid, and acknowledged that he/she freely and
	ecuted the foregoing Assignment for the purposes and uses therein
expressed.	
	- 1 White Hendandy
CHRISTINA HERNANDEZ	Notary Public ()
MY COMMISSION EXPIRES	My Commission Expires: +C.0. 00 005

Serial No.:	Filed: 10-9-01
	* * * *
	1 DE
	Johns 4all.
	Jamal M. Kassir
	Executed this 2 day of october , 2001.
State of Texos)
County of Hari-) ss.
County of Goods	
on Octobe 2	, 2001, <u>Jamal M. Kassir</u> appeared before me, a Notary Public,
-	regoing Assignment for the purposes and uses therein expressed.
	Orbitina He nauda
(SEAL)	Notary Public
	My Commission Expires: 46. 20, 2005
CHRISTINA HERNANDEZ	Wy Commission Expires.
P MY COMMISSION EXPIRES FEBRUARY 20, 2005	* * * *
	Wen Li
	Executed this 2 day of office, 2001.
State of Texas)
County of Hanin) ss.
- 1)
	, 2001, Wen Li appeared before me, a Notary Public, in and for
	and acknowledged that he/she freely and voluntarily subscribed and nent for the purposes and uses therein expressed.
	With He ranky
(SEAL)	Notary Public
	My Commission Expires: 20. 20, 2005
CHRISTINA HERNANDEZ	
MY COMMISSION EXPIRES FEBRUARY 20, 2005	
F	

Serial No.:		Filed:	10-9-0	<u> </u>
	· -			
	*	* * * *		
		^ ^		
	SUL L	11 Ma 12 d		
	2 DM	Robert V. Market		
		- 1 1		2001
	Executed this _	day of Ucto	Oly	, 2001.
State of 1 exox)			
County of Horis) ss.			
County of 1100 ocos				
on October 2		obert V. Market appea		
Public, in and for the State and voluntarily subscribed and exception	a County aforesaid	i, and acknowledged if a Assignment for the	purposes and us	es therein
expressed.				
	C Mi	Stine the	- Loud	
(SEAL)		Notary Public		0
	My Commission	Expires: Ach	30,500	5
CHRISTINA HERNANDEZ	Wiy Commission	L'Aprics.		
MY COMMISSION EXPIRES	* :	* * * *		
FEBRUARY 20, 2005				
		T T C44		·
		Ian L. Scott		
	Executed this _	day of		, 2001.
State of)			
) ss.			
County of)			
On	, 2001, <u>Ia</u>	n L. Scott appeared be	fore me, a Nota	ry Public, in
and for the State and County a	•	_	•	-
subscribed and executed the fo	oregoing Wasigum	ant for the purposes an	iu uses ilicielli e	Apresseu.
(SEAL)		Notary Public	;	
		·	-	
	My Commission	n Expires:		

	Serial No.:	Filed: 0-9-01
		* * * *
		Med Cuy
		Chengde Wu
		Executed this day of
	State of Texu)
	County of Hani) ss)
	on Octobe 2 and for the State and County afe	, 2001, Chengde Wu appeared before me, a Notary Public, in oresaid, and acknowledged that he/she freely and voluntarily regoing Assignment for the purposes and uses therein expressed.
	subscribed and excedited the for	O
	(SEAL)	Notary Public
-		My Commission Expires: 765. 20, 2005
	CHRISTINA HERNANDEZ MY COMMISSION EXPIRES FEBRUARY 20, 2005	* * * * *
		from D
		Jian Li
		Executed this day of October , 2001.
	State of Texaz)
	County of Harris) ss.)
	the State and County aforesaid,	, 2001, Jian Li appeared before me, a Notary Public, in and for and acknowledged that he/she freely and voluntarily subscribed and nent for the purposes and uses therein expressed.
		Christina He-orcenos
ı	(SEAL)	Notary Public
.1 1	CHRISTINA HERNANDEZ	My Commission Expires: 7eb. 20, 2005
* The	MY COMMISSION EXPIRES FEBRUARY 20, 2005	

Assignment

Serial No.:		Filed:	10-9-01
			

In Consideration of One Dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in <u>Carboxylic Acid Derivatives that Inhibit the Binding of Integrins to their Receptors</u> and in the application for Letters Patent of the United States therefor, executed by the undersigned concurrently herewith, and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to <u>Texas Biotechnology Corporation</u> a <u>Delaware</u> corporation, having offices at <u>7000 Fannin</u>, <u>Suite 1920</u>, <u>Houston</u>, <u>Texas 77030</u> and the heirs, successors, legal representatives and assigns of <u>Texas Biotechnology Corporation</u> (hereinafter collectively called said Assignee), and the Commissioner of Patents and Trademarks is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

For said considerations it is hereby agreed by the undersigned, upon the request of said Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for the filing or prosecution of any divisional or continuing application thereof or for the filing or prosecution of any application for the reissue or extension of any Letters Patent that may be granted on said invention or improvements that said Assignee may deem necessary or expedient, and for the said considerations it is further agreed by the undersigned, upon the request of said Assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said Assignee in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in the said Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made. And for the said considerations the entire right, title and interest in said invention or improvements, including all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including those under the International Convention, and all other Conventions, and the right to file applications for patent in said Assignee's own name for said invention or improvements in each and every country of the world are hereby assigned and granted by the undersigned to said Assignee. It is further agreed by the undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of the undersigned to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee. The undersigned also further agrees, for the said considerations, upon the request of said Assignee, to promptly perform all lawful acts deemed by said Assignee to be necessary or advisable in connection with maintaining, enforcing, or transferring the resulting grants of said Letters Patent in the United States or foreign countries. It is agreed that such lawful acts include, but are not limited to, taking oaths, executing declarations, powers, assignments and other papers and giving testimony.

TEX4542P0403US Page 1 of 6

Serial No.:	Filed:	10-9-01
•	ch application for patent are hereby his Assignment the date and serial:	•
	Ronald J. Biediger	
	Executed this day of Octo	<u>رناوی</u> ,2001.
State of Texa. County of Haun)) ss.)	
Public, in and for the State and	,2001, Ronald J. Biediger app County aforesaid, and acknowledged cuted the foregoing Assignment for the	that he/she freely and
	Chritina He	
(SEAL)	Notary Publ	
CHRISTINA HERNANDEZ MY COMMISSION EXPIRES FEBRUARY 20, 2005	My Commission Expires: 1	90, 3000
	* * * *	
	Qi Chen	
	Executed this 4th day of 000	bber .2001.
State of INDIANA)	,2001.
County of MARION) ss.	
On OCTOBER 4 the State and County aforesaid,	,2001, Qi Chen appeared before and acknowledged that he/she freely ment for the purposes and uses therein	•
(SEAL)	Notary Publi	Commission Expired:
	My Commission Expires: OCT	OBER 14,2007

'Serial No.:	Filed: 10~9-01
	* * * *
	E. Raggerd D.
	E. Radford Decker
	Executed this 2 day of October, 2001.
State of PX(12)) ss.
County of Harris	
on October 2	, 2001, E. Radford Decker appeared before me, a Notary
voluntarily subscribed and exe	County aforesaid, and acknowledged that he/she freely and cuted the foregoing Assignment for the purposes and uses therein
expressed.	Opriti allo 200
(SEAL)	Notary Public
	My Commission Expires: 766. 20, 2005
CHRISTINA HERNANDEZ	* * * *
MY COMMISSION EXPIRES FEBRUARY 20, 2005	
	_ Cu. fall l
	George W. Holland
Ton	Executed this 2 day of October, 2001.
State of 1 CKCs_)) ss.
County of Hellic	
On Octobe 2 Public in and for the State and	, 2001, George W. Holland appeared before me, a Notary
voluntarily subscribed and exec	County aforesaid, and acknowledged that he/she freely and cuted the foregoing Assignment for the purposes and uses therein
expressed.	
	- Muth- Hendandy
(SEAL) CHRISTINA HERNANDEZ	Notary Public
MY COMMISSION EXPIRES	My Commission Expires: 166. 20, 2005

'Serial No.:	Filed: 10-9-01
	* * * *
	1 11
	Johns Jan.
	Jamal M. Kassir
	Executed this 2 day of october , 2001.
State of Texo2)
County of Hari-) ss.
on Octobe 2	
	, 2001, <u>Jamal M. Kassir</u> appeared before me, a Notary Public, by aforesaid, and acknowledged that he/she freely and voluntarily
subscribed and executed the f	oregoing Assignment for the purposes and uses therein expressed.
	Christina He Dande
(SEAL)	Notary Public
CHRISTINA HERNANDEZ	My Commission Expires: 10. 20, 2005
MY COMMISSION EXPIRES FEBRUARY 20, 2005	* * * *
	Wen Li
Tour	Executed this 2 day of october, 2001.
State of CXC2)) ss.
County of Haun)
on Octobe 2	, 2001, Wen Li appeared before me, a Notary Public, in and for
-	d, and acknowledged that he/she freely and voluntarily subscribed and ment for the purposes and uses therein expressed.
checuted the fologoning russign	
	Mitin Heroandy
(SEAL)	Notary Public
	My Commission Expires: 10. 20, 2005
CHRISTINA HERNANDEZ	
MY COMMISSION EXPIRES	

'Serial No.:		File	d:	10-9-0	<u>) l</u>
	* 1	* * *			
	2 Sout	V. Marl			
	Executed this <u>c</u>	Robert V. Mar	ctober		_, 2001.
State of Texos County of Hours)) ss)				
On October 3 Public, in and for the State and voluntarily subscribed and exe expressed.	d County aforesaid	, and acknowled g Assignment fo	iged that he or the purp	e/she freely oses and us	and es therein
(SEAL)	My Commission	Notary Funited: H	Public		O
CHRISTINA HERNANDEZ MY COMMISSION EXPIRES FEBRUARY 20, 2005	* *	* * *	<u> </u>	<u> </u>	<u> </u>
		Ian L. Scott			
	Executed this	day of	·		_, 2001.
State of County of)) ss.)				
Onand for the State and County a subscribed and executed the fo	foresaid, and ackn	owledged that h	e/she freel;	y and volun	tarily
(SEAL)		Notary	Public		· ·
	My Commission	Expires:			

'Serial No.:	Filed: 10-9-01
	* * * * *
	* * * * * *
	Challe My
	Chengde Wu Executed this day of
State of Texa_	\
County of Hani-) ss.)
on October 2	, 2001, Chengde Wu appeared before me, a Notary Public, in
and for the State and County a	foresaid, and acknowledged that he/she freely and voluntarily
subscribed and executed the fo	oregoing Assignment for the purposes and uses therein expressed.
(SEAL)	Notary Public 3
(SEAL)	·
CHRISTINA HERNANDEZ	My Commission Expires: 165. 20, 2005
MY COMMISSION EXPIRES FEBRUARY 20, 2005	* * * * *
12BROART 20, 2005	Zion Di
	Jian Li
	Executed this \triangle day of $0 + ber$, 2001.
State of 18 X(1))
County of HCANS) ss.)
on October 3.	, 2001, Jian Li appeared before me, a Notary Public, in and for
the State and County aforesaid	, and acknowledged that he/she freely and voluntarily subscribed and
executed the foregoing Assign	ment for the purposes and uses therein expressed.
	Christina He sacrid
(SEAL)	Notary Public
CHRISTINA HERNANDEZ	My Commission Expires: 126. 20, 3005
MY COMMISSION EXPIRES FEBRUARY 20, 2005	

Assignment

Serial No.:	Filed:	10-9-61	

In Consideration of One Dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in <u>Carboxylic Acid Derivatives that Inhibit the Binding of Integrins to their Receptors</u> and in the application for Letters Patent of the United States therefor, executed by the undersigned concurrently herewith, and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to <u>Texas Biotechnology Corporation</u> a <u>Delaware</u> corporation, having offices at <u>7000 Fannin, Suite 1920, Houston, Texas 77030</u> and the heirs, successors, legal representatives and assigns of <u>Texas Biotechnology Corporation</u> (hereinafter collectively called said Assignee), and the Commissioner of Patents and Trademarks is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

For said considerations it is hereby agreed by the undersigned, upon the request of said Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for the filing or prosecution of any divisional or continuing application thereof or for the filing or prosecution of any application for the reissue or extension of any Letters Patent that may be granted on said invention or improvements that said Assignee may deem necessary or expedient, and for the said considerations it is further agreed by the undersigned, upon the request of said Assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said Assignee in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in the said Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made. And for the said considerations the entire right, title and interest in said invention or improvements, including all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including those under the International Convention, and all other Conventions, and the right to file applications for patent in said Assignee's own name for said invention or improvements in each and every country of the world are hereby assigned and granted by the undersigned to said Assignee. It is further agreed by the undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of the undersigned to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee. The undersigned also further agrees, for the said considerations, upon the request of said Assignee, to promptly perform all lawful acts deemed by said Assignee to be necessary or advisable in connection with maintaining, enforcing, or transferring the resulting grants of said Letters Patent in the United States or foreign countries. It is agreed that such lawful acts include, but are not limited to, taking oaths, executing declarations, powers, assignments and other papers and giving testimony.

TEX4542P0403US Page 1 of 6

Serial No.:		Fi	led:	10-9-01
The attorneys of record in su	ch application fo	or natent are	harahy aut	horized and requested by
The attorneys of record in such the undersigned to insert in the provided therefor.		-	•	2
•	N	2		
		Ronald J. Bi	ediger	· · · · · · · · · · · · · · · · · · ·
	Executed this <u>C</u>	day of	Ditob	<u>بح</u> ,2001.
State of Texa				
County of Harris) ss.)			
On Cataland Public, in and for the State and voluntarily subscribed and executive expressed.	County aforesaid	l, and acknow	ledged that	
	Chri	tinas	He-	oxen Qiz
(SEAL)		Nota	ry Public	()
CHRISTINA HERNANDEZ MY COMMISSION EXPIRES	My Commission	n Expires: \(\frac{}{2}\)	elo :	ac, accs
FEBRUARY 20, 2005	. * *	* * * *		
		Qi Chen		
	Executed this	day of		,2001.
State of)			
County of	`			
On the State and County aforesaid, executed the foregoing Assignment	and acknowledge	ed that he/she	freely and	voluntarily subscribed and
(SEAL)		Notar	y Public	
	My Commission	Expires:		

Serial No.:	Filed: 10-9-01
	* * * *
	E. Ragford D.
	E. Radfdrd Decker
•	Executed this 2 day of October, 2001.
State of PX(12)) ss.
County of Harris) 33.
on Octroba 2	, 2001, E. Radford Decker appeared before me, a Notary
•	d County aforesaid, and acknowledged that he/she freely and ecuted the foregoing Assignment for the purposes and uses therein
expressed.	O_{N} : O_{N}
(SEAL)	Notary Public
(02.2)	My Commission Expires: 766. 20, 205
CHRISTINA HERNANDEZ	to the total continuous of the
MY COMMISSION EXPIRES FEBRUARY 20, 2005	
FEORUM	Ce W. Hall &
	George W. Holland
	Executed this 2 day of October, 2001.
State of 10x02)
County of Hau) ss.)
on Octobe 2	, 2001, George W. Holland appeared before me, a Notary
-	l County aforesaid, and acknowledged that he/she freely and cuted the foregoing Assignment for the purposes and uses therein
слргозоц.	C'Mistra Heganda
(SEAL) CHRISTINA HERNANDEZ	Notary Public
MY COMMISSION EXPIRES	My Commission Expires: 46. 20, 2005

Serial No.:		Filed:	10-9-01
		* * * *	
	/	AV -	
	Open	x4an	
	γ	Jamal M. Kassir	
~-	Executed thi	s 2 day of octobe	<u>r</u>
State of CX(02) ss.		
County of Hari-) 33.		
on Octobe 2		, Jamal M. Kassir appeared	•
in and for the State and Coun subscribed and executed the	•	•	•
	$\mathcal{O}_{\mathcal{V}}$	Victina He	Dande
(SEAL)		Notary Public	0
CHRISTINA HERNIANDEZ I	My Commis	sion Expires: 166. 30) , àc os
MY COMMISSION EXPIRES		* * * * *	
FEBRUARY 20, 2005	i		
	u	Wen Li	
	Executed thi	s 2 day of octobe	. 2001.
TPXO	Executed dif	s_ <u>z_</u> day of	, 2001.
State of 10xcer)) ss.		
County of Haue)		
On October 2 the State and County aforesai	· · · · · · · · · · · · · · · · · · ·		e, a Notary Public, in and for
executed the foregoing Assign			•
	Ch	itine He	-ocener
(SEAL)		Notary Public	
	My Commiss	sion Expires: 10.	40, 200s
CHRISTINA HERNANDEZ NY COMMISSION EXPIRES			
FEBRUARY 20, 2005			

Senal No.:	Filed: 10~9~01
	* * * *
	Rhut V. Market
	Robert V. Market
	Executed this 2 day of October , 2001.
State of Texon)
County of Huris) ss.)
Public, in and for the State and	, 2001, Robert V. Market appeared before me, a Notary County aforesaid, and acknowledged that he/she freely and cuted the foregoing Assignment for the purposes and uses therein
expressed.	Christin- 4k Jan De
(SEAL)	Notary Public
	My Commission Expires: 76. 30, 305
CHRISTINA HERNANDEZ MY COMMISSION EXPIRES FEBRUARY 20, 2005	Jan S Stuff
	Ian L. Scott
	Executed this 4 day of October , 2001.
State of New York County of Albany)) ss)
_	, 2001, <u>Ian L. Scott</u> appeared before me, a Notary Public, in foresaid, and acknowledged that he/she freely and voluntarily regoing Assignment for the purposes and uses therein expressed.
(SEAL)	Joan Sypo-Petta Notary Public
	My Commission Expires: February 24, 2003
	JOAN A. LUPO-PETTA Notery Public, State Of New York

Notary Public, State Of New York
No. 01LU5073300
Qualified In Rensselaer County
Commission Expires Feb. 24, 200 3

Serial No.:	Filed: 10-9-01
	* * * *
	Oly Cally
	Chengde Wu
	Executed this 2 day of Octobe, 2001.
State of Texa_)
County of Hani-) ss.)
	, 2001, Chengde Wu appeared before me, a Notary Public, in foresaid, and acknowledged that he/she freely and voluntarily regoing Assignment for the purposes and uses therein expressed.
substituted und excedited the re	Chritin He scende
(SEAL)	Notary Public
	My lom. Expires: 765. 20 2005
MY COMMISSION EXPIRES FEBRUARY 20, 2005	Fron Li
	Jian Li
	Executed this
State of Te X(12	
County of HCX115) ss.)
_	, 2001, Jian Li appeared before me, a Notary Public, in and for and acknowledged that he/she freely and voluntarily subscribed and ment for the purposes and uses therein expressed.
	Christina He-Dandy
(SEAL)	Notary Public
CHRISTINA HERNANDEZ MY COMMISSION EXPIRES EERBLIARY 20, 2005	My Commission Expires: $\frac{16.0.ac}{30.ac}$



"Fee Address" Indication Form

Address to.			
Mail Stop Post Issue Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 Date July 18, 2006			
Please recognize as the "Fee Address" under the provisions of 37 CFR 1.363 the following address:			
Jones Day 222 East 41st Street New York, New York 10017			
In the following listed application(s) or patent(s) for which the issue fee has been paid.			
Patent Number (if known)	Application Number	Patent Date (if known)	U.S. Filing Date
6,972,296	09/973,142	December 6, 2005	October 9, 2001
Typed name of person signing Dale L. Rieger, Ph.D. Signed Dale L. Rieger, Ph.D. Atty's Reg. No.			
Atty's Docket No.	(check one)	 ☐ Owner of record ☑ Owner's attorney or agent of record 	